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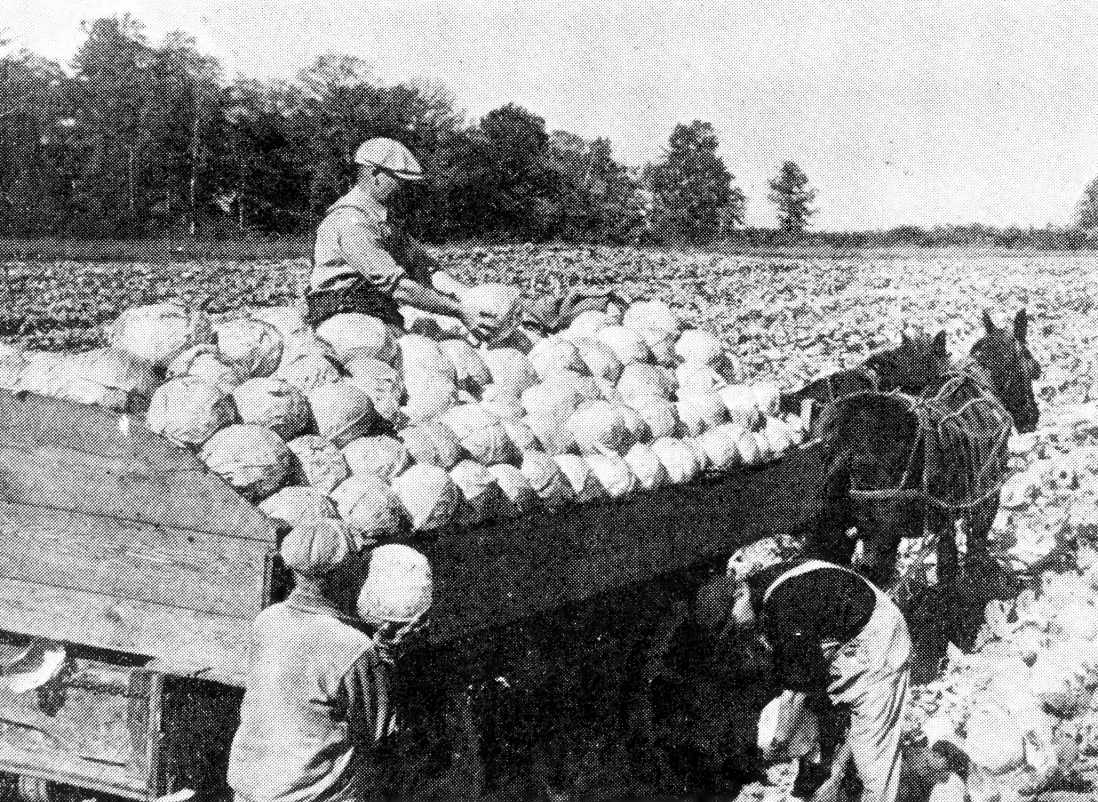
Cooperative
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G.L.F.

G.L.F.

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Garden Seed Service



**FOR COMMERCIAL GROWERS
1946**

Seed Supply for 1946

CABBAGE

G.L.F. Garden Seed Service will, in 1946, again be in a position to give full delivery on G.L.F. Danish Ballhead and Late Copenhagen Market. Stock seed of the former has been grown from specially selected heads of good type and uniformity. This strain has a medium to short stem, with thick oval head, slightly flattened on top. It is a heavy yielder. Our seed growers have increased this stock seed, giving careful consideration to selection and adequate isolation. The 1945 seed crop is adequate to fill the needs of all patrons who desire an outstanding strain of Danish Ballhead.

Late Copenhagen Market, seed for which has been in short supply in recent years, will be available in sufficient quantity in 1946. This variety is a mid-season type (80 days) with large round heads. Slightly earlier than Glory, and of the same general type, it is in demand for early shipping and for kraut.

Supplies of cabbage seed in other varieties will be large enough to supply needs of most growers. However, unfavorable weather conditions in the cabbage seed sections have limited production of Marion Market and Wisconsin Hollander (No. 8).

All G.L.F. seed is hot water treated to control black rot and other seed-borne diseases.

LETTUCE

Cornell 456 seed is limited again this year, but the Garden Seed Service has a much better supply than in 1945. This is being allocated as equitably as possible to the retail agencies in an effort to supply our patrons. This variety is now being used both on muck and upland soils for spring and summer planting.

Great Lakes, another variety of the iceberg type, is somewhat similar to Cornell 456, and from the same original crosses. It is reported to be a little later than 456, and generally, not quite up to its performance on either muck or upland soils. It is, nevertheless, an excellent sure-heading variety and is recommended for use under conditions where Cornell 456 is grown.

WHAT'S NEW—

During the war years seed growers put maximum emphasis on production of seed of the well-known popular varieties. It has been possible, however, to bring into production a few new items worthy of further use by G.L.F. patrons. Farmers are urged to give a new variety a trial, but not to replace a known variety with the new until they are convinced that the new one is really better under their soil and climatic conditions than the one they are now using.

BUSH LIMA BEANS

Fordhook 242, a new strain developed by the United States Department of Agriculture, has shown up well in state tests. It does better under hot, dry weather conditions, yields more edible pods at the initial picking than other strains of Fordhook, and is equal to other strains in quality.

Early Market is another new variety of Bush Lima Beans similar in type, growth and pod size and shape to Improved Burpee. This is also a product of the United States Department of Agriculture. It is earlier in maturity, heavier yielding and slightly darker green colored than Improved Burpee. The flavor is excellent.

GREEN SNAP BEANS

Keystonian. An All-American 1944 award. The pods are a little longer than Tendergreen; round, fleshy and similar in growth habit. Quality good. Makes attractive appearance when packed. Worthy of a trial planting.

Florida Belle. This variety was developed by the U. S. Department of Agriculture to fill the need for a green shipping bean for the South. Pods are similar to Bountiful, but mature later. Very attractive and of good quality.

Approximate Retail Prices

E & O E

(Subject to Stocks on Hand)

GREEN PODDED BUSH BEANS

| | $\frac{1}{4}$ lb. | $\frac{1}{2}$ lb. | 1 lb. | Bag Lots per cwt. |
|---|-------------------|-------------------|-------|----------------------|
| Bountiful, 48 days..... | .15 | .20 | .35 | 22.00 |
| Pods $6\frac{1}{2}$ inches, flat, slightly curved, light green color, popular commercial variety. | | | | |
| Florida Belle (new), 52 days..... | .18 | .30 | .45 | 29.00 |
| Pods $7\frac{1}{2}$ inches, flat, light green; practically free from fiber and string. Commercial. | | | | |
| Keystonian (new), 56 days..... | .18 | .30 | .45 | 24.00 |
| Pods 7 inches long, round, fleshy and similar in growth habit to Tendergreen. Quality good. | | | | |
| Plentiful, 50 days..... | .15 | .20 | .35 | 22.00 |
| Pods $7\frac{1}{2}$ inches, flat, slightly curved, light green. A black seeded strain of Bountiful. Commercial. | | | | |
| Streamliner, 50 days..... | .15 | .20 | .35 | 22.00 |
| A new variety similar to Bountiful in vine and pod growth. Pods slightly longer than Bountiful. White seeded variety. | | | | |
| Stringless Black Valentine, 54 days.... | .15 | .20 | .35 | 22.00 |
| Pods $6\frac{1}{4}$ inches, round, nearly straight, dark green color. Home garden, canning and market. | | | | |
| Stringless Green Pod, 52 days..... | .15 | .20 | .35 | 22.00 |
| (Landreth Strain) Pods 6 inches, round, medium green. Home garden, canning and market variety. | | | | |
| Tendergreen, 54 days..... | .15 | .20 | .35 | 24.00 |
| Pods 6 inches, round, medium to dark green. Home garden, canning and market. | | | | |
| French Horticultural (green shell).... | .15 | .20 | .35 | 28.00 |
| Pods semi-flat, green at early stages, splashed with red color at maturity. Used mostly as green shell beans. | | | | |

WAX PODDED BUSH BEANS

| | | | | |
|---|-----|-----|-----|-------|
| Pencil Pod Wax, 55 days..... | .15 | .25 | .40 | 24.00 |
| Pods 6 inches, round, slightly curved, bright medium yellow. Home garden, market and canning. | | | | |
| Round Pod Kidney Wax (Brittle Wax), 58 days..... | | | | 28.00 |
| Sure Crop Wax (Bountiful Wax), 53 days | .15 | .25 | .40 | 23.00 |
| Pods $5\frac{1}{2}$ inches, flat, practically straight, bright yellow. Popular commercial and home garden variety of flat type. | | | | |

POLE BEANS

| | | | | |
|---|-----|-----|-----|-------|
| Kentucky Wonder (green podded), 65 days | .15 | .20 | .35 | 24.00 |
| Pods 8 inches, thick oval to round, curved and indented, medium green color. Home garden variety, recommended for quick freezing. | | | | |
| Kentucky Wonder Wax, 68 days..... | .15 | .20 | .35 | 25.00 |
| Pods 7 inches, flat, waxy yellow. Home garden wax pole variety. | | | | |

LIMA BEANS (Dwarf or Bush Types)

| | | | | |
|---|-----|-----|-----|-------|
| Burpee Improved, 77 days..... | .18 | .30 | .40 | 23.00 |
| Pods 5 inches, flat to oval, large seeded, dark green. Home garden and commercial. | | | | |
| Cangreen, 68 days..... | .18 | .30 | .45 | 22.00 |
| A small seeded variety similar to Henderson in bush and pod growth, except fleshy part of seed, or cotyledons, are green instead of white in dry seed stage. Makes excellent strain for canning or freezing where small seeded variety is wanted. | | | | |
| Early Market, 71 days..... | .18 | .30 | .45 | 27.00 |
| New variety developed by U. S. Dept. of Agriculture, of the Burpee type, but heavier yielding. Quality excellent. For use fresh, canned or frozen. | | | | |

LIMA BEANS (Dwarf or Bush Types—Continued)

| | $\frac{1}{4}$ lb. | $\frac{1}{2}$ lb. | 1 lb. | Bag Lots per cwt. |
|---|-------------------|-------------------|-------|----------------------|
| Fordhook, 71 days..... | .18 | .30 | .45 | 24.00 |
| Pods 4-4½ inches, practically straight, thick dark green seed, trifle smaller than Burpee Improved. Large seed commercial and home garden variety. Good for freezing. | | | | |
| Fordhook 242 | .18 | .30 | .45 | 27.00 |
| A new selection of Fordhook developed by U. S. Dept. of Agriculture. Pods are as thick as regular Fordhook, but slightly shorter. Sets more pods early, especially under high temperatures. Will usually outyield regular stock. Worthy of trial in comparison to regular strain. Same use as regular Fordhook. | | | | |
| Henderson, 65 days..... | .15 | .25 | .35 | 21.00 |
| Small seeded variety. Pods 3 inches, straight flat medium green. Home garden, canning and freezing. | | | | |

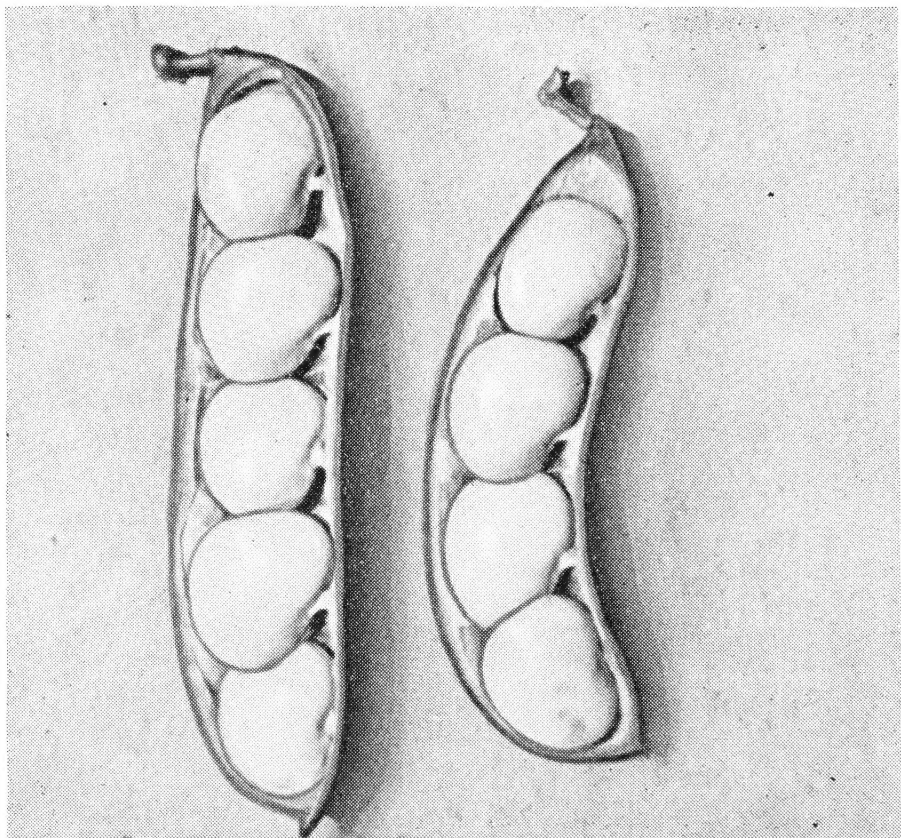
LIMA BEANS (Pole Type)

| | | | | |
|---|-----|-----|-----|-------|
| King of the Garden, 88 days..... | .15 | .25 | .40 | 22.00 |
| Pods 7 inches long, flat, smooth, medium green. Home garden. All beans 5 lbs. or more but less than full bag @50c per cwt. above bag price. | | | | |
| Patrons will contact their G.L.F. Agency for prices on beans in quantities of 2000 pounds or more. | | | | |

BEET

| | Pkt. | Oz. | $\frac{1}{4}$ lb. | 1 lb. |
|---|------|-----|-------------------|-------|
| Crosby Egyptian, 55 days..... | .10 | .20 | .60 | 1.75 |
| Roots flat globe, exterior dark red, flesh purplish red. Large tops. Leading early variety for market and home garden. | | | | |
| Early Wonder, 52 days..... | .10 | .20 | .60 | 1.75 |
| Roots flat globe, exterior color red, flesh purplish red. Large tops. Similar to Crosby, but slightly earlier. Table variety. | | | | |
| Detroit Dark Red, 60 days..... | .10 | .20 | .60 | 1.75 |
| Roots globular, deep dark red color both exterior and interior. Practically free from zones. Tops medium in height. Market, canning and home garden. | | | | |
| Detroit, Perfected Strain, 60 days..... | | .20 | .60 | 1.75 |
| An improved strain of Detroit, medium to large tops, adapted for home garden, market and canning. | | | | |
| Detroit Dark Red, 58 days..... | .10 | .20 | .60 | 1.75 |
| Canning strains, short to medium top, roots similar to other strains. Holds quality well until full mature. Not recommended as bunching variety because of small top. | | | | |

All varieties 10c less per lb. in 10 lb. lots



Fordhook Lima (left) and the New Fordhook 242

MANGEL BEET

| | Pkt. | Oz. | $\frac{1}{4}$ lb. | 1 lb. |
|--|------|-----|-------------------|-------|
| Giant Sludstrup..... | | | .35 | 1.00 |
| Roots long, oval reddish-yellow. Flesh white, tinged with yellow. | | | | |
| Golden Tankard..... | | | .35 | 1.00 |
| Roots cylindrical, gray above ground, deep yellow below. Flesh yellow with white zones. | | | | |
| Half Sugar Rose..... | | | .35 | 1.00 |
| Roots long, oval, skin white with rose colored shoulder. Flesh white. | | | | |
| Mammoth Long Red..... | | | .35 | 1.00 |
| Roots long, slightly tapering. Color light red. Flesh white with rose tinge. Most popular variety. | | | | |
| 5c less per lb. in 10 lb. lots | | | | |

BROCCOLI (Seed Hot Water Treated)

| | | | | |
|---|-----|-----|------|------|
| Italian Green Sprouting (Calabrese) .. | .10 | .60 | 1.75 | 5.25 |
| Tall growing type plant. Edible part is bluish-green flower buds, resembling head of Cauliflower. Home garden and commercial. | | | | |

BRUSSELS SPROUTS (Seed Hot Water Treated)

| | | | | |
|------------------------------------|-----|------|------|------|
| Long Island Improved, 85 days..... | .10 | 1.00 | 3.00 | 9.00 |
| Half dwarf variety. | | | | |

CABBAGE (Seed Hot Water Treated)

See inside front cover.

| | Pkt. | $\frac{1}{4}$ lb. | $\frac{1}{2}$ lb. | 1 lb. |
|--|------|-------------------|-------------------|-------|
| Golden Acre, 70 days..... | | 2.00 | 3.15 | 6.00 |
| Earliest, round variety. Mostly for early market crop. | | | | |
| Early Copenhagen Market, 75 days.... | .10 | 2.00 | 3.15 | 6.00 |
| Slightly larger heads, excellent for second early-either for market garden crop or summer shipping. Best for early home garden crop. | | | | |
| Late Copenhagen Market, 80 days..... | | 1.55 | 2.50 | 4.75 |
| Large round domestic type of Copenhagen Market. Marion Market is about same season, may be used as a substitute. | | | | |
| Glory of Enkhuizen, 85 days..... | .10 | 1.55 | 2.50 | 4.75 |
| Latest maturing domestic type for kraut and shipping market. | | | | |
| G.L.F. Danish Ballhead, 110 days..... | .10 | 2.00 | 3.15 | 6.00 |
| G.L.F.'s own selection of this popular variety. Medium to short stem type of plants, heads are thick, oval, somewhat flatter on top, leaves lap well over each other Heavy yielder. | | | | |
| Danish "A" Strain, 110 days..... | | 2.00 | 3.15 | 6.00 |
| A strain recommended for western New York where medium sized heads are preferred to larger ones. Strain is very uniform in size and shape. | | | | |
| Penn State Ballhead, 110 days..... | | 2.00 | 3.15 | 6.00 |
| A strain developed by Penn State College. Heads are flattened, globe shaped. Plants fairly large, medium to short stem. High yielding variety for storage or shipping market. Good keeper. | | | | |
| Mammoth Red Rock, 120 days..... | .10 | 2.00 | 3.15 | 6.00 |
| Best, late maturing red or purple cabbage for storage and shipping. Heads are round to oval shape, usually 7-8 inches in diameter. | | | | |
| Chiefton Savoy, 90 days..... | .10 | 2.00 | 3.15 | 6.00 |
| Most popular of Savoy type. Heads are semi-flat, leaves much savoyed. Dark green color. | | | | |

Yellows Resistant Varieties

| | | | | |
|--|--|------|------|------|
| Resistant Golden Acre, 72 days..... | | 2.00 | 3.15 | 6.00 |
| Earliest of yellow resistant strains, for first early market cabbage on soils infected with yellows. | | | | |
| Resistant Copenhagen, 75 days..... | | 2.00 | 3.15 | 6.00 |
| A second early stock of Copenhagen Market, highly resistant to yellows disease. Heads round, uniform, high yielding. Seed supply very short. | | | | |
| Marion Market, 80 days..... | | 2.00 | 3.15 | 6.00 |
| Similar to Late Copenhagen Market, but highly resistant to yellows. For shipping markets and kraut. | | | | |
| Globe (resistant strain of Glory) 85 days | | 2.00 | 3.15 | 6.00 |
| Uniform stock, resistant to yellows, high yielder. | | | | |
| Wisconsin All Season, 90 days..... | | 1.85 | 3.00 | 5.50 |
| Large, late domestic type of cabbage, heads semi-flat, solid and good sized. Heavy yielder, highly resistant to yellows. | | | | |
| Wisconsin Hollander, 110 days..... | | 2.00 | 3.15 | 6.00 |
| A yellows resistant strain of Danish type, heads are similar to Danish in size and shape. | | | | |
| All varieties 25c less per lb. in 5 lb. lots | | | | |

CHINESE CABBAGE (Seed Hot Water Treated)

| | Pkt. | Oz. | $\frac{1}{4}$ lb. | 1 lb. |
|---|------|-----|-------------------|-------|
| Chihli | .10 | .45 | 1.20 | 4.00 |
| A tall, heading variety, uniform in shape and size. Seed is sown in late July or early August for fall crop. Can be stored in late fall for limited time. | | | | |

CARROT

| | | | | |
|--|-----|-----|-----|------|
| Chantenay, Red Cored Strain, 70 days | .10 | .20 | .60 | 1.75 |
| Roots deep orange, 5½ inches by 2 inches in diameter, stump rooted, has reddish core. Home garden, canning and market. | | | | |
| Chantenay, Long Type, 70 days..... | | .20 | .60 | 1.75 |
| Roots slightly longer than the Red Cored strain, otherwise alike. Seems to be well adapted to Long Island conditions. Mostly a market variety. | | | | |
| Danvers Half Long, 75 days..... | .10 | .20 | .60 | 1.75 |
| Roots 6-7 inches long, tapering in shape, deep orange color. A home garden variety of high quality. | | | | |
| Hutchinson, 80 days..... | | .20 | .60 | 1.75 |
| Long, 9-10 inches, cylindrical carrot, light orange color. Market type. | | | | |
| Imperator, 78 days..... | | .20 | .60 | 1.75 |
| Rather long cylindrical carrot, with stump root. Color deep orange. Popular commercial variety for bunching. | | | | |
| Nantes (Coreless), 70 days..... | .10 | .25 | .75 | 2.25 |
| Roots 6-7 inches, cylindrical, stump rooted. Small top. Flesh bright orange, inconspicuous core. Excellent quality for home gardens and market where tops are removed. | | | | |
| Supreme Half Long (Red Cored Danvers), 75 days..... | | .20 | .60 | 1.75 |
| A new 6-7 inch tapering strain of Danvers Half Long with inconspicuous core, very sweet. Recommended for market use and home gardens. | | | | |
| Touchon, 70 days..... | | .25 | .75 | 2.25 |
| Similar to Nantes, but slightly longer in growth habit. | | | | |
| All varieties of carrot, 10c less per lb. in 10 lb. lots | | | | |

CAULIFLOWER (Seed Hot Water Treated)

| | | | | |
|---|-----|------|-------|-------|
| Improved Holland Erfurt (Snowdrift), 65 days | .10 | 3.00 | 10.00 | 36.00 |
| Well adapted to wide range of soils and climatic conditions. Matures heads gradually through long periods. Home garden and market. | | | | |
| Super Snowball, 60 days..... | .10 | 3.00 | 10.00 | 36.00 |
| Early type used throughout G.L.F. territory. Tendency for heads to mature in short period. Will not stand adverse growing conditions as well as Holland Erfurt. | | | | |



Dr. George Woodbury and Robert Bush of the Garden Seed Service making Quality Control notes in the Golden Cross Bantam trial plots.



Summer Pascal Celery (left) and Cornell 19

CELERY

Yellow or Self Blanching Varieties

| | Pkt. | Oz. | $\frac{1}{2}$ lb. | 1 lb. |
|---|------|------|-------------------|-------|
| Cornell No. 19 (new), 100 days from setting plants | .10 | 1.75 | 5.00 | 15.00 |
| Developed by Cornell by crossing Golden Self Blanching with Utah. Tall growing. Highly resistant to fusarium yellows. Shipping and home garden variety. | | | | |
| Golden Plume, 85 days..... | | 1.00 | 3.00 | 9.00 |
| A new selection bred for longer stems. Grows 24-26 inches tall, full hearts. Mostly a shipping variety. | | | | |
| Golden Self Blanching..... | .10 | 1.00 | 3.00 | 9.00 |
| Old Strain, easy to blanch. Commercial variety. | | | | |

Green Varieties

| | | | | |
|--|-----|------|------|-------|
| Giant Pascal, 140 days..... | .10 | 1.00 | 3.00 | 9.00 |
| A tall, late, green celery of excellent quality. Leaf stalks round, thick and solid. Home garden and nearby markets. | | | | |
| Salt Lake or Utah, 125 days..... | .10 | 1.00 | 3.00 | 9.00 |
| High quality green mid-season variety which blanches out easily. Excellent for home garden and nearby markets. | | | | |
| Summer Pascal, 115 days..... | .10 | 1.35 | 4.00 | 12.00 |
| New early green celery of excellent quality. Plants medium tall thick stalks, which blanch easily. Home garden and nearby markets. | | | | |

CELERIAC

| | | | | |
|---|-----|-----|------|------|
| Large Smooth Prague..... | .10 | .80 | 2.60 | 9.00 |
| Large, round, smooth tubers; very tender. For celery flavor in soups, stews and salads. | | | | |

CHARD

| | | | | |
|---|-----|-----|-----|------|
| Fordhook Giant, 55 days..... | .10 | .20 | .50 | 1.50 |
| Dark green, large leaved with thick succulent stalks. 5c less per lb. in 10 lb. lots | | | | |

SWEET CORN

Open Pollinated, Yellow Kernel Varieties

| | $\frac{1}{4}$ lb. | $\frac{1}{2}$ lb. | 1 lb. | 50 lb. |
|---|-------------------|-------------------|-------|--------|
| Bantam Evergreen, 95 days..... | .15 | .20 | .30 | 9.25 |
| Large ears 7-8 inches, 14-18 rows. Quality good. Commercial variety. | | | | |
| Golden Bantam, 78 days..... | .15 | .20 | .30 | 9.00 |
| Eight-rowed strain, large ears, excellent quality. Susceptible to wilt (Stewart's Disease). Home garden and market. | | | | |

Continued on page 10

Vegetable Seed Treatments

G.L.F. follows the recommendations on seed treatment made by the Extension Services of New York, New Jersey and Pennsylvania. In cases where experiments have shown treatment to be beneficial under all conditions of soil and climate, and where pre-planting treatment is satisfactory, G.L.F. treats all seed with the proper materials and methods.

The Extension Services, however, advise against applying some materials which are needed only under certain conditions, or where treatment a month or more ahead of planting would be

ineffective. This is especially true with Semesan and other similar materials, where part of the beneficial effects are obtained by fumes which penetrate the spaces between the seeds, and even enter the seed coats. In these cases, seed should be treated just before sowing in the soil.

Given below is a summary of seed treatments, indicating what G.L.F. does and conditions under which the grower is advised to apply additional materials. G.L.F. is equipped to treat seed not so listed where patrons especially request this service and assume the responsibility of the results of advance treating.

| CROP | FUNGICIDE AND METHOD OF TREATMENT | DISEASES CONTROLLED |
|---------------------|---|--|
| BEAN, Snap and Lima | Treat only if soil is cold and wet. No treatment recommended on Long Island. Spergon or Arasan; 2 oz. dust for each bushel of seed or $\frac{1}{2}$ level teaspoonful for each pound. Quantity lots of beans treated by G.L.F. on request. | Damping-off. Seed-rot. |
| BEET | Treat only if soil is cold and wet. 1. Arasan: $\frac{1}{2}$ to 1% of seed by weight or 2 level teaspoonsful for each pound, or 2. Semesan: 1% or $1\frac{1}{4}$ level teaspoonsful, or 3. Soak 1 hr. in blue vitriol (copper sulfate) solution, 2 oz., in each gallon of water. | Damping-off. Seed-rot. |
| BROCCOLI | G.L.F. seed hot water treated for seed borne diseases. Treat with Semesan, 0.4% or $\frac{1}{2}$ level teaspoonful for each pound of seed, if planted too early for maggots in the seed bed. For later planting use calomel according to the directions of the entomologists. Zinc oxide, 1 heaping teaspoonful for each pound is suggested if Semesan or Calomel is not available. | Black-rot and other seed borne diseases. Damping-off. Wire-stem |
| BRUSSELS SPROUTS | G.L.F. seed hot water treated—grower to dust as described for Broccoli. | See Broccoli |
| CABBAGE | G.L.F. seed hot water treated—grower to dust as specified for Broccoli. | See Broccoli |
| CAULIFLOWER | G.L.F. seed hot water treated. Damping off, maggot control, etc. as with Broccoli. | See Broccoli |
| CUCUMBER | G.L.F. seed treated with corrosive sublimate. Grower to dust seed with Spergon or Semesan at planting time, according to directions on package. | Scab; Angular leaf spot; some anthracnose; Damping off; Seed-rot. |
| EGG PLANT | Hot water, 122°F. for 25 minutes. G.L.F. will treat Egg Plant seed by this method if requested, or Corrosive sublimate, 1 tablet in 1 pt. of water for 5 minutes and dust with Arasan or Semesan, 5% or $\frac{1}{2}$ level teaspoonful, or Zinc oxide, 1 heaping teaspoonful for each pound of seed. | Only when Phomopsis blight is severe. Damping-off; seed-rot. |
| KOHLRABI, KALE | G.L.F. seed hot water treated. Dust as recommended under Broccoli. | Seed borne diseases. Damping-off, etc. |
| MUSKMELON | G.L.F. seed is treated with Corrosive sublimate. Dust as recommended under Cucumber | Seed borne diseases Damping-off, seed-rot. |
| ONION | On upland soils, calomel according to the directions of the entomologists. or Arasan, 1 lb. for each lb. of seed. See your county agricultural agent. | Damping-off, Maggots. Only where smut is present. |
| PEAS | All G.L.F. Pea seed treated with Spergon. | Damping-off; Seed-rot. |
| PEPPER | Corrosive sublimate solution, 1 tablet in 3 pints of water, soak 5 minutes, then rinse well in clean water; dry. Then dust with: 1. Arasan, 1 level teaspoonful for each pound, or 2. Zinc oxide, 2 level teaspoonsful, or 3. Semesan, 0.4% or $\frac{1}{2}$ level teaspoonful. | Only if bacterial spot or anthracnose is prevalent. Damping-off, Seed-rot. |
| PUMPKIN | G.L.F. seed treated for seed borne diseases. Grower to dust for damping off. | See Cucumber |
| RUTABAGA | G.L.F. seed hot water treated | |
| RADISH | Semesan, according to directions on the container or zinc oxide, 1 level teaspoonful per pound of seed. | Damping-off, seed-rot. |
| SPINACH | Arasan, $\frac{1}{4}$ % of weight of seed, or 1 level teaspoonful for each pound, or Zinc oxide, 2% or 3 level teaspoonsful. If a wet treatment is desired, tie seed loosely in cheesecloth and soak for 1 hour in blue vitriol (copper sulfate) solution, 2 oz., in 1 gal. of water. | Damping-off. Seed-rot. Copper may produce darker green plants. |
| SQUASH | G.L.F. seed treated with Corrosive sublimate. Grower to dust for damping-off. (See Cucumber). | Seed borne diseases. Damping-off. Seed-rot. |
| SWEET CORN | Recommended for early planting when soils are wet and temperature cool. Arasan, 1 oz. for each bushel ($\frac{1}{4}$ level teaspoonful per pound), or Spergon, 2 oz. per bushel. | Damping-off; Seed-rot. |
| SWISS CHARD | See treatments for Beet | See Beet |
| TOMATO | G.L.F. seed treated with hot water and blue vitriol. | Bacterial fruit spot, Bacterial canker, Anthracnose, Septoria blight, Alternaria damping-off. Bacterium tomato, Damping-off. Seed-rot. |
| TURNIP | G.L.F. seed hot water treated, grower to dust for damping-off. See Broccoli. | Seed borne disease. |
| WATERMELON | See treatment for Cucumber. | See Cucumber |

SWEET CORN

(Open Pollinated, Yellow Kernel, Continued)

| | $\frac{1}{4}$ lb. | $\frac{1}{2}$ lb. | 1 lb. | 50 lb. |
|--|-------------------|-------------------|-------|--------|
| Golden Early Market, 70 days..... | .15 | .20 | .30 | 9.25 |
| Earliest commercial variety. Ears 6-7 inches long. 12 rows. Quality fair. | | | | |
| Golden Sunshine, 72 days..... | .15 | .20 | .30 | 9.25 |
| Ears 6-7 inches, 10-12 rows. Quality excellent. Early home garden variety. Not resistant to wilt | | | | |
| Whipple's Yellow, 85 days..... | .15 | .20 | .30 | 9.00 |
| Ears 7-8 inches, 14 rows. Deep kernels. Excellent quality. Home garden or commercial. Not resistant to wilt. | | | | |

Open Pollinated, White Varieties

| | | | | |
|--|-----|-----|-----|------|
| Luther Hill, 70 days..... | .15 | .20 | .30 | |
| Early small eared 5-6 inches, 8 rows. Excellent quality for home garden. | | | | |
| Stowell's Evergreen, 95 days..... | .15 | .20 | .30 | 9.50 |
| Large 8 inch ears, 12-14 rows. Good quality. Home garden. | | | | |

Hybrid Type

| | | | | |
|---|-----|-----|-----|-------|
| Carmelcross, 85 days..... | .20 | .30 | .50 | 16.25 |
| Cross of Purdue 39 and Connecticut 13, ears $7\frac{1}{2}$ -8 inches, 12 rows, high quality. Resistant to wilt. Home garden, canning and market. | | | | |
| Golden Cross Bantam, 88 days..... | .20 | .30 | .50 | 16.25 |
| Ears $7\frac{1}{2}$ -8 inches, tapering, 12 rows, light yellow color. Highest quality of all varieties. Highly resistant to wilt. Leading home garden, canning and commercial variety. | | | | |
| Ioana, 90 days..... | .20 | .30 | .50 | 16.25 |
| Iowa hybrid similar to Golden Cross but trifle later in maturity. Ears 8-9 inches, tapering 12-14 rows, creamy yellow and high quality. Resistant to wilt. Said to be better than Golden Cress during dry season. | | | | |
| Lee, 85 days..... | .20 | .30 | .50 | 16.25 |
| Mid-season, hybrid developed by Connecticut. Ears 12-14 rows, broad kernels, quality good. Fine commercial variety. Resistant to wilt. | | | | |
| Lincoln, 85 days..... | .20 | .30 | .50 | 16.25 |
| Mid-season. Connecticut hybrid (C-23 x P-39.) designated to replace Whipcross P-39. Large ears 12-16 rows, narrow kernels, quality good. | | | | |
| Marcross, 72 days..... | .20 | .30 | .50 | 16.25 |
| Connecticut hybrid C-13 x C-6, ears 7-8 inches, large kernels, orange color, quality fair to good. Better of early hybrids for home garden or market. Resistant to wilt. | | | | |
| Spancross, 65 days..... | .20 | .30 | .50 | 16.50 |
| Earliest hybrid. Ears 6-7 inches, 12-16 rows, large light yellow kernels, quality fair. Connecticut hybrid (C-13 x C-4). Resistant to wilt. Commercial variety. | | | | |

CUCUMBER

| | Pkt. | Oz. | $\frac{1}{4}$ lb. | 1 lb. |
|---|------|-----|-------------------|-------|
| A & C, 68 days..... | .10 | .35 | .95 | 2.75 |
| Slicing variety, dark green fruits 8-9 inches long, medium thick. Home garden or market. | | | | |
| Arlington White Spine, 60 days..... | .10 | .20 | .60 | 1.75 |
| Early slicing or pickle variety. Fruits 6-7 inches long, $2\frac{1}{2}$ inches in diameter, dark green. Home garden and market. | | | | |
| Early Fortune, 65 days..... | .10 | .20 | .60 | 1.75 |
| Slicing variety, fruits 8-9 inches long, dark green color. Home garden or market. | | | | |
| Improved Long Green, 68 days..... | .10 | .20 | .65 | 2.00 |
| Fruits 8-10 inches long, medium dark green, black spined. Home garden variety. | | | | |
| National Pickling, 52 days..... | .10 | .20 | .60 | 1.75 |
| Black spined variety for pickling. Mature fruits 6 inches long. Home garden or market. | | | | |
| Straight Eight, 66 days..... | .10 | .35 | .95 | 2.75 |
| New slicing variety. Fruits 8 inches long. $1\frac{1}{2}$ inches thick, dark green. Commercial variety. | | | | |
| 10c less per lb. in 10 lb. lots | | | | |

DILL

| | | | | |
|-----------------------------------|-----|-----|-----|------|
| Mammoth, 70 days..... | .10 | .20 | .40 | 1.25 |
| An annual. For flavoring pickles. | | | | |

| EGG PLANT | Pkt. | Oz. | $\frac{1}{4}$ lb. | 1 lb. |
|--|------|-----|-------------------|-------|
| Black Beauty, 80 days..... | .10 | .85 | 2.50 | 7.50 |
| Large fruit, egg shaped and glossy, deep purple. | | | | |
| New Hampshire Hybrid, 70 days..... | .10 | .85 | 2.50 | 7.50 |
| An early variety developed by N. H. Agricultural Experimental Station. Fruits round to olive shape. Color purple. Does not color as uniformly as Black Beauty. For short season areas of G.L.F. territory. | | | | |

ENDIVE

| | | | | |
|--|-----|-----|-----|------|
| Broad Leaf Batavian (Full Heart), 90 days | .10 | .20 | .60 | 1.80 |
| Best if planted in late summer for fall crop. Large leaf, plant upright in growth habit. Home garden and commercial. | | | | |
| Green Curled, 95 days..... | .10 | .20 | .60 | 1.80 |
| Leaves deep cut, center blanches readily. Best for fall maturity. Home garden and market. | | | | |

KALE (Hot Water Treated)

| | | | | |
|---|-----|-----|------|------|
| Dwarf Blue Curled, 85 days..... | .10 | .50 | 1.50 | 4.50 |
| An improved strain of Dwarf Scotch. Desirable for greens. | | | | |

KOHLRABI

| | | | | |
|--|-----|-----|------|------|
| White Vienna, 55 days..... | .10 | .45 | 1.35 | 4.00 |
| Early round white bulbs. Sow for fall crop. Taste similar to turnip, but milder. | | | | |

LEEK

| | | | | |
|------------------------------|-----|-----|------|------|
| American Flag, 150 days..... | .10 | .75 | 2.15 | 6.50 |
| Large, white stalks. | | | | |

LETTUCE

Loose Leaf

| | | | | |
|---|-----|-----|-----|------|
| Black Seeded Simpson, 45 days..... | .10 | .20 | .60 | 1.80 |
| Light green color. Home garden. | | | | |
| Grand Rapids, 45 days..... | .10 | .20 | .60 | 1.80 |
| Curled leaves. Home garden or greenhouse crop. | | | | |
| Prizehead, 45 days..... | .10 | .20 | .60 | 1.80 |
| Curly leaves with fringed edges, leaves tinted with reddish brown color. Home garden. | | | | |

Heading Varieties

| | | | | |
|---|-----|-----|------|------|
| Big Boston, 75 days..... | .10 | .20 | .65 | 2.00 |
| Butterhead type with yellowish green leaves and white heart. Home garden and commercial. | | | | |
| Cosberg, 80 days..... | .10 | .35 | 1.00 | 3.00 |
| Ideal home garden strain of Iceberg. | | | | |
| Cornell 456, 85 days..... | | .50 | 1.50 | 4.50 |
| New selection for N. Y. State. Seed supply limited. | | | | |
| Great Lakes, 85 days..... | | .50 | 1.50 | 4.50 |
| Developed by U. S. Department of Agriculture and Michigan State College. Heads medium to large; heavily ribbed. Resistant to tip-burn and does well under adverse conditions. | | | | |

| | | | | |
|--|-----|-----|------|------|
| Imperial 44, 82 days..... | | .40 | 1.15 | 3.45 |
| Best Iceberg type for spring and fall both upland and muck. | | | | |
| New York No. 12, 80 days..... | .10 | .40 | 1.10 | 3.25 |
| Upland type of Iceberg lettuce. Home garden and market. | | | | |
| White Boston, 76 days..... | | .20 | .65 | 2.00 |
| Light green head; buttery yellow heart. Use for commercial crop. | | | | |

Cos or Romaine

| | | | | |
|---|-----|-----|-----|------|
| Trianon Cos (White Paris), 70 days.... | .10 | .20 | .60 | 1.80 |
| Outer leaves light green, interior whitish green. Used as summer salad. All varieties 10c less per lb. in 10 lb. lots | | | | |

| MUSKMELON (Treated) | | Pkt. | Oz. | $\frac{1}{2}$ lb. | 1 lb. |
|--|-----|------|------|-------------------|-------|
| Bender's Surprise, 90 days..... | .10 | .20 | .65 | 2.00 | |
| Medium to large fruits coarse netting, distinct ribs, orange flesh, excellent quality. Home garden and nearby markets. | | | | | |
| Delicious (Early Bender), 83 days.... | .10 | .20 | .65 | 2.00 | |
| Smaller and earlier variety of Bender, home garden and nearby markets. | | | | | |
| Hearts of Gold, 95 days..... | .10 | .25 | .75 | 2.25 | |
| Good variety for areas with longer season. Salmon colored flesh. Home garden and market. | | | | | |
| Iroquois (new), 95 days..... | .10 | .45 | 1.25 | 3.75 | |
| Cornell University selection of Bender's Surprise. Resistant to Fusarium wilt. Very fine quality. Medium sized fruits. Few days later than regular Bender. | | | | | |
| Pride of Wisconsin, 90 days..... | .10 | .25 | .75 | 2.25 | |
| Oval heavily netted, thick orange flesh. Good market type. 10 lb. lots at 10c less per lb. | | | | | |

ONION

| | | | | | |
|---|-----|-----|------|------|--|
| Ebenezer, 105 days..... | .10 | .45 | 1.30 | 3.90 | |
| Medium sized semi-flat bulbs. Good keeper. Used for sets as well as mature onions. | | | | | |
| Early Yellow Globe, 98 days..... | .10 | .45 | 1.40 | 4.20 | |
| Globe shape onions, early fair keepers. Home garden and market. | | | | | |
| Michigan Yellow Globe (Brigham), 110 days | .10 | .45 | 1.40 | 4.20 | |
| Globe shaped, thick skin. Good storage type for home garden or market. | | | | | |
| Southport Red Globe, 110 days..... | .10 | .45 | 1.40 | 4.20 | |
| Medium to large globe shape, dark red color. Good keeper. Home garden and market. | | | | | |
| Southport White Globe, 112 days..... | .10 | .45 | 1.40 | 4.20 | |
| Large growing type. White flesh. Commercial. | | | | | |
| Sweet Spanish (Utah strain), 110 days | .10 | .60 | 1.80 | 5.40 | |
| Large, late, mild, yellow colored, globe shaped bulbs. Fair keeper. Leading home garden and commercial mild variety. | | | | | |
| Yellow Globe Danvers, 110 days..... | .10 | .45 | 1.40 | 4.20 | |
| Bulbs medium large, round, yellow. Flesh white. Good yielder. Storage variety for commercial growers. 20c less per lb. in 10 lb. lots, 25c less per lb. in 100 lb. lots. | | | | | |

PARSLEY

| | | | | | |
|--------------------------------------|-----|-----|-----|------|--|
| Moss Curled, 70 days..... | .10 | .15 | .40 | 1.20 | |
| Dark green foliage, fine cut leaves. | | | | | |
| Hamburg (turnip rooted), 90 days.... | .10 | .15 | .40 | 1.20 | |
| Thick fleshy roots for flavoring. | | | | | |

PARSNIP

| | | | | | |
|--|-----|-----|-----|------|--|
| Model or Ideal, 95 days..... | .10 | .15 | .40 | 1.20 | |
| Long white roots, tender, fine flavor. 5c less per lb. in 10 lb. lots | | | | | |

PEAS (Spergon Treated)

| | $\frac{1}{2}$ lb. | 1 lb. | 100 lbs. |
|---|-------------------|-------|----------|
| Alderman or Dark Podded Telephone, 75 days | .20 | .35 | 17.50 |
| Tall growing, large podded variety. Good quality for garden or market. | | | |
| Dwarf Alderman, 75 days..... | .20 | .35 | 18.00 |
| Vines about 2½ ft. tall. Large pods, pointed, plump. Good, late shipping and home garden variety. | | | |
| Gradus (improved), 65 days..... | .20 | .35 | 17.50 |
| Vines 30-36 inches, pods 3½ to 4 inches. Market variety. | | | |
| Laxtonian (Blue Bantam), 63 days.... | .20 | .35 | 18.00 |
| Dwarf vines, 18 inch large pods, large seed. Excellent quality. | | | |

| PEAS (Spergon Treated) (Continued) | | $\frac{1}{2}$ lb. | 1 lb. | 100 lbs. |
|--|-----|-------------------|-------|----------|
| Laxton's Progress, 62 days..... | .20 | .35 | 18.00 | |
| Dwarf 18-20 inches, large dark green color, high yielder, excellent quality. | | | | |
| Little Marvel, 60 days..... | .20 | .35 | 18.00 | |
| Small podded, dwarf vine, lighter green color. Quality good. Mostly for home garden use. | | | | |
| Nott's Excelsior, 58 days..... | .20 | .35 | 18.00 | |
| Small seeded, dwarf variety, similar to Little Marvel, but lighter color pod. Home garden. | | | | |
| Thomas Laxton, 58 days..... | .20 | .35 | 17.50 | |
| Semi-dwarf vines (24-30 inches), pods medium size, medium green. High yielding. Leading commercial and home garden variety. Excellent quality. | | | | |
| World's Record (Early Gradus), 56 days | .20 | .35 | 17.50 | |
| Early strain of Gradus, pods $3\frac{1}{2}$ inches long, dark green color, good quality. For home garden and market. | | | | |
| Quantities of 5 to 99 lbs. @ $\frac{1}{2}$ c more per lb. than bag price. | | | | |

PEPPER

| | Pkt. | Oz. | $\frac{1}{4}$ lb. | 1 lb. |
|---|------|-----|-------------------|-------|
| California Wonder, 75 days..... | .10 | .70 | 2.15 | 6.50 |
| Large fruited, mostly 4 lobed with thick flesh. | | | | |
| Early Calwonder, 68 days..... | .10 | .70 | 2.15 | 6.50 |
| Earlier strain of California Wonder for shorter growing areas. | | | | |
| Early Giant, 63 days..... | .10 | .70 | 2.15 | 6.50 |
| Best early sweet variety for garden or market. Fruits 3 lobed, mild and sweet. | | | | |
| Hungarian Wax, 65 days..... | .10 | .65 | 2.00 | 6.00 |
| Hot variety, early maturity. Color waxy yellow, crimson at maturity. | | | | |
| Long Red Cayenne, 70 days..... | .10 | .65 | 2.00 | 6.00 |
| Hot variety, green changing to deep red at maturity, fruits tapering. | | | | |
| World Beater, 72 days..... | .10 | .65 | 2.00 | 6.00 |
| 4 lobed large, glossy fruits with mild sweet flesh. Longer fruits than California Wonder. | | | | |

PUMPKIN

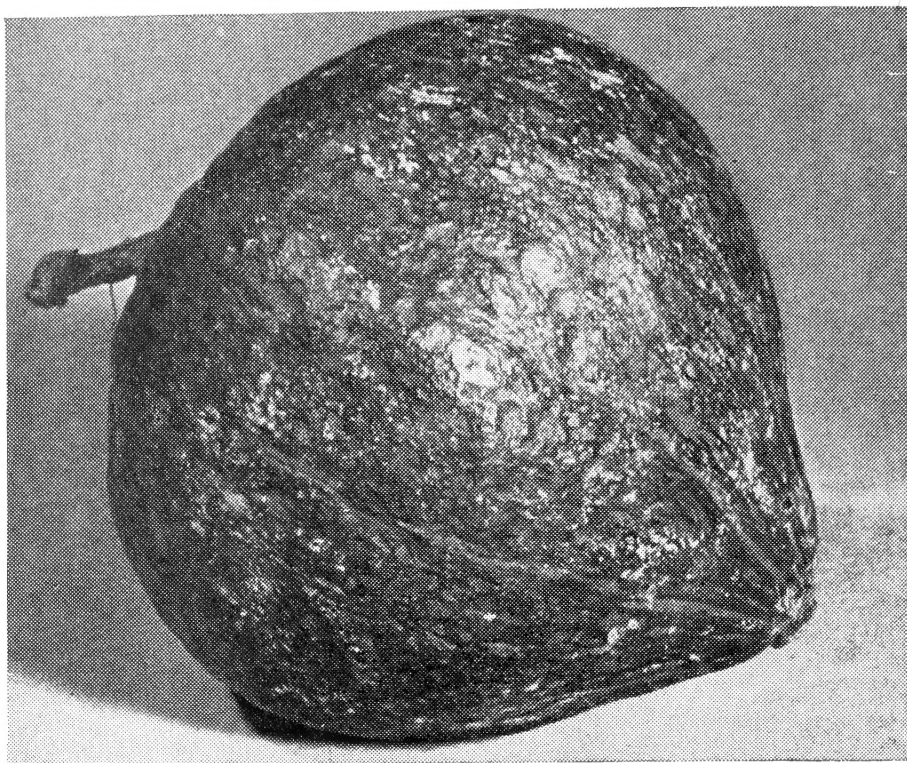
| | | | | |
|---|-----|-----|-----|------|
| Connecticut Field, 70 days..... | .10 | .15 | .50 | 1.50 |
| Large fruits 15-20 lbs. Yellow color for canning and stock feeding. | | | | |
| Small Sugar (N. E. Pie), 65 days..... | .10 | .15 | .50 | 1.50 |
| Small orange colored fruits for pie making. | | | | |
| Both varieties 5c less per lb. in 10 lb. lots | | | | |

RADISH

| | | | | |
|--|-----|-----|------|-----|
| Cavalier, 25 days..... | .15 | .35 | 1.00 | |
| A short top strain of Scarlet Globe especially recommended for green house and muck soils. | | | | |
| Scarlet Globe, 25 days..... | .10 | .15 | .30 | .90 |
| Special strain medium top, bright scarlet skin. Flesh white and crisp. Commercial and home garden. | | | | |
| Sparkler, 25 days..... | .10 | .15 | .30 | .90 |
| Upper part bright scarlet with white area around tip. Home garden variety. | | | | |
| White Icicle, 30 days..... | .10 | .15 | .30 | .90 |
| Tapering roots 5-6 inches long, pure white. | | | | |
| All varieties 5c less per lb. purchased in 10 lb. lots. | | | | |

RUTABAGA (Hot Water Treated)

| | | | | |
|--|-----|-----|------|------|
| Laurentian (new), 95 days..... | .15 | .40 | 1.25 | |
| An improved strain of American Purple Top developed by Canadian Experiment Station. Worthy of trial. | | | | |
| Long Island Improved, 95 days..... | .10 | .15 | .35 | 1.00 |
| Yellow flesh with purple top. Good storage variety. | | | | |
| 5c less per lb. in 10 lb. lots | | | | |



Green Delicious Squash

SALSIFY or VEGETABLE OYSTER

| | Pkt. | Oz. | $\frac{1}{2}$ lb. | 1 lb. |
|-----------------------------------|------|-----|-------------------|-------|
| Mammoth Sandwich Island, 135 days | .10 | .50 | 1.50 | 4.50 |

Roots 8 to 9 inches thick, used like parsnips.

SPINACH

| | | | | |
|---|-----|-----|-----|------|
| Bloomsdale Reselected (Savoy), 40 days | .10 | .12 | .15 | .45 |
| Deep green leaves, large and blistered. Tends to shoot seed easily. Early commercial variety. | | | | |
| King of Denmark, 47 days..... | .10 | .12 | .15 | .45 |
| Very dark green colored variety. Stands well without shooting to seed. Home garden use. | | | | |
| Long Standing Bloomsdale, 45 days.... | .10 | .12 | .15 | .45 |
| Dark green leaves crumpled and round. Home garden and commercial. | | | | |
| Virginia Blight Resistant, 40 days..... | .10 | .12 | .15 | .45 |
| Blight resistant variety of Bloomsdale used as fall Spinach. All varieties 2c less per lb. in 10 lb. lots; 5c less per lb. in 100 lb. lots | | | | |
| New Zealand, 55 days..... | .10 | .25 | .75 | 2.25 |
| Not a true Spinach. Grows large plant. Edible types are harvested throughout growing season. Home garden. | | | | |

SQUASH

| | | | | |
|---|-----|-----|-----|------|
| Early Prolific Straightneck, 50 days.... | .10 | .20 | .50 | 1.50 |
| A newer, small fruited early strain, bright yellow color, uniform in size, home garden and commercial | | | | |
| Blue Hubbard, 110 days..... | .10 | .30 | .90 | 2.70 |
| Large growing variety, bluish-gray skin with orange yellow flesh. Excellent quality. | | | | |
| Delicious (green), 105 days..... | .10 | .35 | .90 | 2.70 |
| Heart-shaped, dark green. Medium sized. Bright yellow flesh. Sweet flavor. | | | | |
| Table Queen (Mammoth strain), 85 days | .10 | .25 | .75 | 2.25 |
| Fruits dark green color, flesh orange color, excellent quality. Keeps well. | | | | |
| Warted Hubbard, 110 days..... | .10 | .30 | .90 | 2.70 |
| Excellent storage variety. Fruits dark green, warted skin, flesh deep orange-yellow. | | | | |

All varieties 10c less per lb. in 10 lb. lots

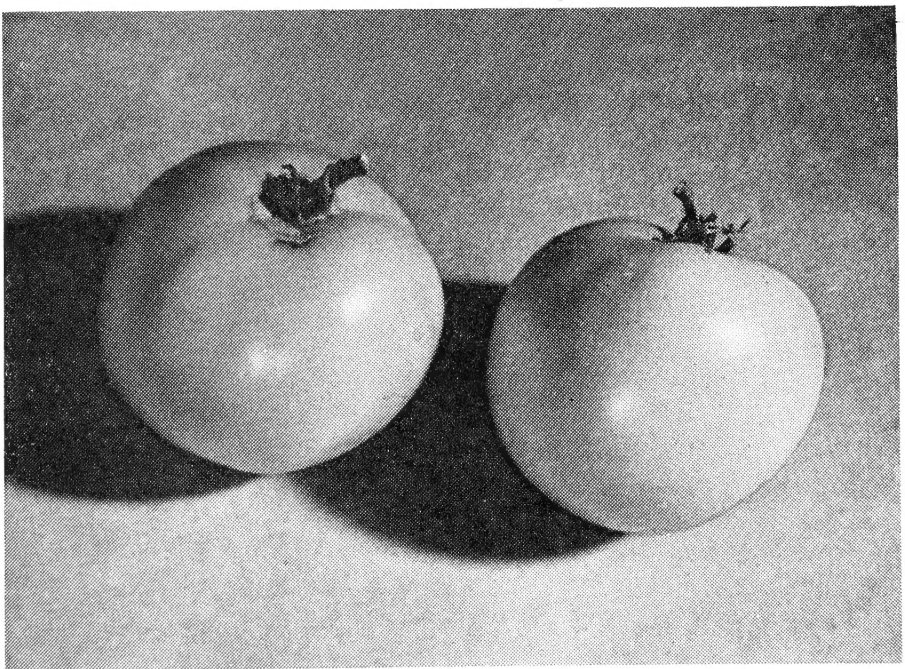
Arranged in Season of Maturity

TOMATO (Treated)

| | Pkt. | Oz. | $\frac{1}{4}$ lb. | 1 lb. |
|--|------|------|-------------------|-------|
| Earliana, 65 days..... | .10 | .75 | 2.35 | 7.00 |
| Early red variety for market. Tendency for poor coloring. | | | | |
| Valiant, 68 days..... | .10 | .70 | 2.15 | 6.50 |
| Excellent early red replacing other types for market garden. | | | | |
| Bonny Best, 73 days..... | .10 | .65 | 2.00 | 6.00 |
| Deep scarlet fruit, medium size, leading commercial and home garden variety. | | | | |
| John Baer, 74 days..... | .10 | .65 | 2.00 | 6.00 |
| Semi-globular, scarlet variety, good yielder. | | | | |
| Pritchard, 75 days..... | .10 | .70 | 2.15 | 6.50 |
| Desirable mid-season, large fruited variety. Scarlet color. Canning or market. | | | | |
| Jubilee (new orange color), 75 days.... | .10 | 1.10 | 3.35 | 10.00 |
| An excellent orange color variety. Fruits globe shaped, mild flavor. Desirable for slicing or yellow colored juice. | | | | |
| Ponderosa (Beefsteak), 85 days..... | .10 | .90 | 2.65 | 8.00 |
| Well known variety. Fruits large, often irregular and variable in shape. Deep purplish pink color, mild flavor. Home garden variety. | | | | |
| Stokesdale, 75 days..... | .10 | .70 | 2.15 | 6.50 |
| New second early, globe shaped tomato. Round scarlet fruits. Useful home garden market or canning. | | | | |
| Marglobe, 78 days..... | .10 | .65 | 2.00 | 6.00 |
| Large fruited disease resistant variety. Good for market or canning. | | | | |
| Rutgers, 85 days..... | .10 | .65 | 2.00 | 6.00 |
| Large fruited, holds foliage well into harvest season, disease resistant. Scarlet color. | | | | |

TURNIP (Hot Water Treated)

| | | | |
|--|-----|-----|-----|
| Flat Dutch (early), 45 days..... | .12 | .25 | .75 |
| Roots flattened. White flesh, mild. Home garden or market variety. | | | |
| Purple Top White Globe, 56 days..... | .10 | .12 | .25 |
| Large globe shaped bulbs, purple at top, white at tip. | | | |
| 5c less per lb. in 10 lb. lots | | | |



Jubilee, an Orange-Colored, Globe-Shaped Tomato

WATERMELON

| | Pkt. | Oz. | $\frac{1}{4}$ lb. | 1 lb. |
|---|------|-----|-------------------|-------|
| Honey Cream, 80 days..... | .10 | .35 | 1.00 | 3.00 |
| Small round fruits, dark green skin, but lemon colored flesh. Quality excellent. A home garden and road-side stand variety. | | | | |
| Stone Mountain, 90 days..... | .10 | .20 | .55 | 1.75 |
| Large oval round fruits, flesh red, sweet and juicy. 5c less per lb. in 10 lb. lots | | | | |



Honey Cream Watermelon

*Order Your Seed from
Your G.L.F. Service Agency*

NOTICE

The G.L.F. Mills gives no warranty, express or implied, as to the productiveness of any seeds or bulbs it distributes and will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed. Prices subject to change without notice.



COOPERATIVE G.L.F. EXCHANGE, INC., ITHACA, N. Y.
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